

WHAT IS CLAIMED IS

1. A timepiece including in particular a functional unit including magnetised masses, an electronic module including a support with conductive paths connected to at least one integrated circuit, wherein at least the conductive paths located in proximity to said functional unit have essentially non-magnetic properties.

5           2. A timepiece according to claim 1, wherein said conductive paths include a protective layer formed of a non-magnetic material.

3. A timepiece according to claim 2, wherein said protective layer is made of a nickel based alloy.

10           4. A timepiece according to claim 1, wherein said electronic module further includes at least a discrete electronic unit, in particular a capacitor, and in that said discrete electronic unit is exclusively formed of materials having essentially non-magnetic properties.

15           5. A timepiece according to claim 2, wherein said electronic module further includes at least a discrete electronic unit, in particular a capacitor, and in that said discrete electronic unit is exclusively formed of materials having essentially non-magnetic properties.

20           6. A timepiece according to claim 3, wherein said electronic module further includes at least a discrete electronic unit, in particular a capacitor, and in that said discrete electronic unit is exclusively formed of materials having essentially non-magnetic properties.

7. A timepiece according to claim 1, wherein said conductive paths include an adherence underlayer formed of a non-magnetic material.

8. A timepiece according to claim 2, wherein said conductive paths include an adherence underlayer formed of a non-magnetic material.

25           9. A timepiece according to claim 3, wherein said conductive paths include an adherence underlayer formed of a non-magnetic material.

10. A timepiece according to claim 8, wherein said adherence underlayer is made of a nickel based alloy.

30           11. A timepiece according to claim 9, wherein said adherence underlayer is made of a nickel based alloy.

12. A timepiece according to claim 1, wherein said functional unit is a microgenerator.

13. A timepiece according to claim 2, wherein said functional unit is a microgenerator.

15. A timepiece according to claim 8, wherein said functional unit is a microgenerator.

17. A timepiece according to claim 14, wherein said microgenerator includes a rotor including two flanges each having substantially the shape of a disc and each carrying, on its face facing the other flange, an even number of magnetised masses, said electronic module including at least a stator coil fixed to said support and partially inserted between the two flanges, the conductive paths of said support connecting said at least one coil to said integrated circuit having essentially non-magnetic properties.

19. A timepiece according to claim 18, wherein said functional unit assures the function of a compass.